VT6107 and VT8231/VT8233/VT8235/VT8237/VT8251 Integrated LAN Software Package
(VIA version) Version: 4.2

1. Major changes in this software packages

1.1. Windows miniport driver x64 edition is moved to root directory.

2. Notice

2.1. All the drivers included in this driver package are free for the vulnerability of Ethernet frame padding information leakage issue reported by @stake Inc. in Jan 2003.

2.2. WHQL submission number of the Windows NDISM driver (v3.47) for x86/x64 in this software package is 998689.

3. Detailed change note list

3.1. Drivers

Name	Ver.	Supporting OSes	Location	Note
NDIS3 NDIS4 NDIS5	3.47	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	Root directory	1. Add new SVID/SSID to x86/x64 driver. 2. Mask PCI configuration space BAR1 memory base address lower 4 bits to get the correct memory base address. 3. Add environment settings for x86/x64 built-in driver.
NDIS5 for XP embedded	3.47	Windows XP embedded SP1	\XPe\	
NDIS5 for Windows CE 4.0/4.2	3.47	Windows CE 4.0/4.2	\CE4\	
NDIS5 for Windows CE 5.0	3.47	Windows CE 5.0	\CE5\	
NDIS5 for X64	3.47	Windows XP, Windows Server 2003 X64 Edition	Root directory	
NDIS3F	3.17	Windows For Workgroup 3.11	\WFW311\	1. No version change in this software package.
NDIS2	4.35	LAN Server DOS Workstations, LANTASTIC, PCNFS, MS DOS 6.22 (MS client 3.0)	\LANSVR40.DOS\, \LANTASTI\, \MSLANMAN.DOS\, \PCNFS\	1. No version change in this software package.
Packet	4.30	MS DOS 6.22 (NCSA Telnet client, PCTCP)	\PKTDRVR\	1. No version change in this software package.
Server ODI (ASM version)	5.02	Netware Server 3.11, 3.12, 4.11, 4.12	\NETWARE\SRVRODI.311\, \NETWARE\SR	1. No version change in this software package.

			VRODI.312\, \NETWARE\SRVRODI.4\	
Server ODI (C version)	6.09	Client 32 for DOS, Netware Server 5.0, 5.1, 6.0, 6.5	\NETWARE\CLIENT32\, \NETWARE\SRVRODI.56\	1. No version change in this software package.
DOS ODI	4.29	MS DOS 6.22 (Netware client for DOS)	\NETWARE\DOSODI\	1. Fixed the flow-control setting bug.
MAC OS	1.08	MAC OS X	\MACOSX\	1. Fixed the flow control setting bug.
Linux	5.04	Linux x86 Kernel 2.2.x ~ 2.6.11 Linux AMD64 Kernel 2.4.x ~ 2.6.11	\LINUX\	1. Fix kernel 2.6.11 compile failure bug. 2. Fix the bug on AMD64. 3. Fix the bug the duplex mode setting is error in force mode and link-partner is legacy device. 4. If the current ANAR is same as the setting value, the Auto/Reauto isn't executed. 5. Fixed the bug that connection is broke when traffic load is heavy.
FreeBSD	3.24	FreeBSD 3.2, 4.0, 4.11, 4.2, 4.5~4.9, 5.0~5.3, 5.2~5.3 AMD64	\FREEBSD\	1. No version change in this software package.
Unixware	2.17	SCO Unixware 7.1, OpenUnix 8	\UNIXWARE\	1. Modify driver option flow control default value to "Disable". 2. Modify Rx service routine condition for heavy traffic Rx disabled bug(sync-ed from Linux). 3. Fix flow control default value not correct problem.
SCO5	4.19	SCO Open Server 5.0.4	\SCO5\	1. No version change in this software package.
Solaris	1.09	Solaris 8, 9, 10	\SOLARIS\	1. Modify driver option flow control default value to "Disable". 2. Modify Rx service routine condition for heavy traffic Rx disabled bug(sync-ed from Linux). 3. Simplify MII RE-AUTO coding.
DIAG	3.39	MS DOS 6.22	Root directory	1. Display correct name of VT8237A and showing "N/A" if Revision ID is out of range. 2. Get correct memory base from BAR1. 3. Fix returned error code of DMI access fail.
Winsetup	3.17	Win95, Win95OSR2, Win98, Win98SE, NT3.51, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	Root directory, \WINSETUP\	1. Fix NT4 WinUinst.exe "Can not find any inf files" failure. 2. Add a "pre-installation is completed" message to differentiate install and software-first pre-install cases. 3. Fix Win2K/XP/x64 Winsetup -a multiple drivers pre-install problem. 4. Fix Win95 WinUinst un-installation registries not removed problem. 5. Fix Winsetup "There are more than two Valid INF files! Program exit! " problem when x86 and x64 drivers put in the same directory. 6. Fix WinNT4 progress bar display problem & -p help mistake. 7. Fix Win98SE -d fail problem when update both 10/100 and giga NIC driver to old versions. 8. Fix Win9x/NT4 -w fail problem reported by approve team. 9. Fix x64-XP -k fail problem reported by approve team. 10. Fix ntsim2.sys/ntsim2a.sys not removed problem. 11. Fix Win95 update .sys file not copied to system problem. 12. Fix -d parameter path name can not contain "-" problem. 13. Modify -r function to remove only the driver specified in

				the inf file, not all VIA/VNT network drivers.
				14. Fix -f parameter not working problem.
				15. Fix -d parameter path name can not contain "-" problem.
				16. Fix WinNT /? help message not correct problem.

3.2. Application utilities for users

Name	Ver.	Supported OSes	Location	Note
NICSET	2.15	Win95, Win95OSR2, Win98, Win98SE, NT4.0, WinME, Win2000, WinXP, Windows Server 2003	\NICSET\	1. Use miniport (3.47) and NICSET (2.10).

3.3. Drivers/Utilities for Boot ROM users

Name	Ver.	Supported OSes	Location	Note
Flash	3.14	MS DOS 6.22	\FLASH\	1. No version change in this software package.
RPL-DOS	4.36	Remote boot DOS	\RPL\	1. No version change in this software package.
RPL-W95	4.36/ 3.47	Remote boot Windows 95 Golden	\RPLW95\	1. RPL 4.36. and Miniport 3.47.
PXE	2.41		\PXE\	1. No version change in this software package.
PXERPL	2.40		\PXERPL\	1. No version change in this software package.

3.4. Drivers/Utilities for manufacture, not to release to users

Name	Ver.	Supported OSes	Location	Note
Ether-debug tool for Windows CE	1.02	Microsoft Windows CE 4.2/5.0	\ETHERTOOL\	1. No version change in this software package.
EEPROM	3.23	MS DOS 6.22	\EEPROM\	1. Add sub-parameter '-al' which cooperates with command line option '-p' to set the limit of programmed MAC address.

3.5. MISC

Name	Ver.	Support OSes	Location	Note
UNATTEND	1.00	Windows 9x, NT 4.0, 2000, XP	\UNATTEND\	1. No version change in this software package.

3.6. Application documents

Document	Ver.	Location	Note
NICSET User Guide	1.20	\NICSET\	1. No version change in this software package.